INDEX

Balmforth, N. J. & Mandre, S. Dynamics of roll waves, 1–33

Bouchut, F., Le Sommer, J. & Zeitlin, V. Frontal geostrophic adjustment and nonlinear wave phenomena in one-dimensional rotating shallow water. Part 2. High-resolution numerical simulations, 35–63

Braun, S. & Kluwick, A. Unsteady three-dimensional marginal separation caused by surface-mounted obstacles and/or local suction, 121–152

Carati, D. *See* Knaepen, Debliquy & Carati

Cheng, H. K. & Lee, C. J. Sonic-boom noise penetration under a wavy ocean: theory, 281–312

Clercx, H. J. H. *See* Speetjens, Clercx & van Heijst

Debliquy, O. *See* Knaepen, Debliquy & Carati

Dubief, Y., White, C. M., Terrapon, V. E., Shaqfeh, E. S. G., Moin, P. & Lele, S. K. On the coherent drag-reducing and turbulence-enhancing behaviour of polymers in wall flows, 271–280

Duck, P. W., Hewitt, R. E. & Foster, M. R. On the spatial development of a dusty wall jet, 385–411

Flynn, M. R. *See* Sutherland, Kyba & Flynn

Flynn, M. R. & Sutherland, B. R. Intrusive gravity currents and internal gravity wave generation in stratified fluid, 355–383

Foster, M. R. *See* Duck, Hewitt & Foster

Gamard, S. *See* Jung, Gamard & George

Gamard, S., Jung, D. & George, W. K. Downstream evolution of the most energetic modes in a turbulent axisymmetric jet at high Reynolds number. Part 2. The far-field region, 205–230

Garrett, C. *See* Ross, Garrett & Lueck

George, W. K. *See* Gamard, Jung & George; Jung, Gamard & George

Greenblatt, D. & Moss , E. A. Rapid temporal acceleration of a turbulent pipe flow, 65–75

van Heijst, G. J. F. *See* Speetjens, Clercx & van Heijst

Hewitt, R. E. *See* Duck, Hewitt & Foster

Jung, D. *See* Gamard, Jung & George

Jung, D., Gamard, S. & George, W. K. Downstream evolution of the most energetic modes in a turbulent axisymmetric jet at high Reynolds number. Part 1. The near-field region, 173–204

Kelmanson, M. A. Hypersingular boundary integrals in cusped two-dimensional free-surface Stokes flow, 313–325

Kluwick, A. *See* Braun & Kluwick

Knaepen, B., Debliquy, O. & Carati, D. Direct numerical simulation and large-eddy simulation of a shear-free mixing layer, 153–172

Kyba, P. J. *See* Sutherland, Kyba & Flynn

Le Sommer, J. *See* Bouchut, Le Sommer & Zeitlin

Lee, C. J. *See* Cheng & Lee

Lele, S. K. *See* Dubief, White, Terrapon, Shaqfeh, Moin & Lele

Lueck, R. *See* Ross, Garrett & Lueck

Mandre, S. *See* Balmforth & Mandre

Moin, P. *See* Dubief, White, Terrapon, Shaqfeh, Moin & Lele

INDEX

Balmforth, N. J. & Mandre, S. Dynamics of roll waves, 1–33

Bouchut, F., Le Sommer, J. & Zeitlin, V. Frontal geostrophic adjustment and nonlinear wave phenomena in one-dimensional rotating shallow water. Part 2. High-resolution numerical simulations, 35–63

Braun, S. & Kluwick, A. Unsteady three-dimensional marginal separation caused by surface-mounted obstacles and/or local suction, 121–152

Carati, D. *See* Knaepen, Debliquy & Carati

Cheng, H. K. & Lee, C. J. Sonic-boom noise penetration under a wavy ocean: theory, 281–312

Clercx, H. J. H. *See* Speetjens, Clercx & van Heijst

Debliquy, O. *See* Knaepen, Debliquy & Carati

Dubief, Y., White, C. M., Terrapon, V. E., Shaqfeh, E. S. G., Moin, P. & Lele, S. K. On the coherent drag-reducing and turbulence-enhancing behaviour of polymers in wall flows, 271–280

Duck, P. W., Hewitt, R. E. & Foster, M. R. On the spatial development of a dusty wall jet, 385–411

Flynn, M. R. *See* Sutherland, Kyba & Flynn

Flynn, M. R. & Sutherland, B. R. Intrusive gravity currents and internal gravity wave generation in stratified fluid, 355–383

Foster, M. R. *See* Duck, Hewitt & Foster

Gamard, S. *See* Jung, Gamard & George

Gamard, S., Jung, D. & George, W. K. Downstream evolution of the most energetic modes in a turbulent axisymmetric jet at high Reynolds number. Part 2. The far-field region, 205–230

Garrett, C. *See* Ross, Garrett & Lueck

George, W. K. *See* Gamard, Jung & George; Jung, Gamard & George

Greenblatt, D. & Moss , E. A. Rapid temporal acceleration of a turbulent pipe flow, 65–75

van Heijst, G. J. F. *See* Speetjens, Clercx & van Heijst

Hewitt, R. E. *See* Duck, Hewitt & Foster

Jung, D. *See* Gamard, Jung & George

Jung, D., Gamard, S. & George, W. K. Downstream evolution of the most energetic modes in a turbulent axisymmetric jet at high Reynolds number. Part 1. The near-field region, 173–204

Kelmanson, M. A. Hypersingular boundary integrals in cusped two-dimensional free-surface Stokes flow, 313–325

Kluwick, A. *See* Braun & Kluwick

Knaepen, B., Debliquy, O. & Carati, D. Direct numerical simulation and large-eddy simulation of a shear-free mixing layer, 153–172

Kyba, P. J. *See* Sutherland, Kyba & Flynn

Le Sommer, J. *See* Bouchut, Le Sommer & Zeitlin

Lee, C. J. *See* Cheng & Lee

Lele, S. K. *See* Dubief, White, Terrapon, Shaqfeh, Moin & Lele

Lueck, R. *See* Ross, Garrett & Lueck

Mandre, S. *See* Balmforth & Mandre

Moin, P. *See* Dubief, White, Terrapon, Shaqfeh, Moin & Lele

Moss, E. A. *See* Greenblatt & Moss

Pantano, C. Direct simulation of non-premixed flame extinction in a methane–air jet with reduced chemistry, 231–270

Ross, T., Garrett, C. & Lueck, R. On the turbulent co-spectrum of two scalars and its effect on acoustic scattering from oceanic turbulence, 107–119

Shaqfeh, E. S. G. *See* Dubief, White, Terrapon, Shaqfeh, Moin & Lele

Speetjens, M. F. M., Clercx, H. J. H. & van Heijst, G. J. F. A numerical and experimental study on advection in three-dimensional Stokes flows, 77–105

Sutherland, B. R. *See* Flynn & Sutherland

Sutherland, B. R., Kyba, P. J. & Flynn, M. R. Intrusive gravity currents in two-layer fluids, 327–353

Terrapon, V. E. *See* Dubief, White, Terrapon, Shaqfeh, Moin & Lele

White, C. M. *See* Dubief, White, Terrapon, Shaqfeh, Moin & Lele

Zeitlin, V. *See* Bouchut, Le Sommer & Zeitlin